

Public Hearing: November 25, 2002

F A C T S H E E T

TITLE: Joint Funding Agreement for Bank Filtration Project with USGS

SPONSOR: Public Works/Utilities
Water System

OTHER DEPARTMENTS AFFECTED:

OPPONENTS: Unknown

APPLICANT: Public Works/Utilities
Water System

STAFF RECOMMENDATION: For

REASON FOR LEGISLATION: Continue a three year aquifer bank filtration research project of the Ashland Wellfield.

D I S C U S S I O N

The bank filtration research project will determine the effectiveness of the aquifer's ability to remove select contaminants from the raw water flow from the river through the aquifer to the well. This project is the third of three tied studies to provide information to the State Health Department and the Environmental Protection Agency to obtain bank filtration credits as part of the multiple barrier water treatment process.

This third project C evaluates the potential of transport, attenuation, and inhibition of microorganisms of varying sizes through bank filtration into a public water supply at varying flow regimes of the river during different times of the year. The total cost of this phase is \$284,200. USGS will finance \$132,100 and the water system will finance \$132,100.

If the State or EPA require additional supplemental information for final determination, future minor amendments may be necessary.

POLICY OR PROGRAM CHANGE: No

COST OF TOTAL PROJECT: \$132,100

SOURCE OF FUNDS:

CITY: Water Revenue

NON CITY: USGS

BENEFIT COST: \$132,100

FACT SHEET PREPARED BY:

Jerry Obrist, Water System

REVIEWED BY:

Director of Public Works/Utilities